

WW	WW	FFFFFFFFF	RRRRRRR	BBBBBBBB	UU	UU	KK	KK	TTTTTTTT
WW	WW	FFFFFFFFF	RRRRRRR	BBBBBBBB	UU	UU	KK	KK	TTTTTTTT
WW	WW	FF	RR	RR	BB	UU	UU	KK	KK
WW	WW	FF	RR	RR	BB	UU	UU	KK	KK
WW	WW	FF	RR	RR	BB	UU	UU	KK	KK
WW	WW	FF	RR	RR	BB	UU	UU	KK	KK
WW	WW	FF	RR	RR	BB	UU	UU	KK	KK
WW	WW	FF	RRRRRRR	BBBBBBBB	UU	UU	KKKKKK	KKKKKK	TTTTTT
WW	WW	FF	RRRRRRR	BBBBBBBB	UU	UU	KKKKKK	KKKKKK	TTTTTT
WW	WW	FF	RR	RR	BB	UU	UU	KK	KK
WW	WW	FF	RR	RR	BB	UU	UU	KK	KK
WWWW	WWWW	FF	RR	RR	BB	UU	UU	KK	KK
WWWW	WWWW	FF	RR	RR	BB	UU	UU	KK	KK
WW	WW	FF	RR	RR	BB	UU	UU	KK	KK
WW	WW	FF	RR	RR	BB	UU	UU	KK	KK

LL	IIIIII	SSSSSSS
LL	IIIIII	SSSSSSS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SSSSSS
LL	II	SSSSSS
LL	II	SS
LL	II	SS
LL	II	SS
LLLLLLLL	IIIIII	SSSSSSS
LLLLLLLL	IIIIII	SSSSSSS

```
1 0001 0 XTITLE 'EDTSWFRBUKT - make a bucket current'
2 0002 0 MODULE EDTSWFRBUKT (
3 0003 0 IDENT = 'V04-000'
4 0004 0 ) =
5 0005 1 BEGIN
6 0006 1 ****
7 0007 1 *
8 0008 1 *
9 0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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26 0026 1 *
27 0027 1 *
28 0028 1 ****
29 0029 1 *
30 0030 1 *
31 0031 1 ++
32 0032 1 | FACILITY: EDT -- The DEC Standard Editor
33 0033 1 |
34 0034 1 | ABSTRACT:
35 0035 1 |
36 0036 1 | Make a specified bucket the current bucket.
37 0037 1 |
38 0038 1 | ENVIRONMENT: Runs at any access mode - AST reentrant
39 0039 1 |
40 0040 1 | AUTHOR: Bob Kushlis, CREATION DATE: October 16, 1978
41 0041 1 |
42 0042 1 | MODIFIED BY:
43 0043 1 |
44 0044 1 | 1-001 - Original. DJS 23-Feb-1981. This module was created by
45 0045 1 | extracting routine READ BUKT from module EDTWF.
46 0046 1 | 1-002 - regularize headers. JBS 19-Mar-1981
47 0047 1 | 1-003 - Modify to use EDT$WORKIO. STS 15-Feb-1982
48 0048 1 | 1-004 - Add literals for callable parameters. STS 08-Mar-1982
49 0049 1 | 1-005 - Improve the appearance of the listing. JBS 20-Jun-1983
50 0050 1 | --
51 0051 1 |
```

```
53 0052 1 XSBTTL 'Declarations'  
54 0053 1  
55 0054 1 : TABLE OF CONTENTS:  
56 0055 1  
57 0056 1  
58 0057 1 REQUIRE 'EDTSRC:TRAROUNAM';  
59 0496 1  
60 0497 1 FORWARD ROUTINE  
61 0498 1 EDTSSWF_MAKECUR : NOVALUE;  
62 0499 1  
63 0500 1  
64 0501 1 : INCLUDE FILES:  
65 0502 1  
66 0503 1  
67 0504 1 REQUIRE 'EDTSRC:EDTREQ';  
68 0639 1  
69 L 0640 1 XIF XBLISS (BLISS32)  
70 0641 1 XTHEN  
71 0642 1  
72 0643 1 REQUIRE 'EDTSRC:SYSSYM';  
73 0673 1  
74 0674 1 XFI  
75 0675 1  
76 0676 1 :  
77 0677 1 : MACROS:  
78 0678 1  
79 0679 1 : NONE  
80 0680 1  
81 0681 1 : EQUATED SYMBOLS:  
82 0682 1  
83 0683 1  
84 0684 1 EXTERNAL LITERAL  
85 0685 1 EDTSK_PUT;  
86 0686 1 EDTSK_GET;  
87 0687 1  
88 0688 1 :  
89 0689 1 : OWN STORAGE:  
90 0690 1  
91 0691 1 : NONE  
92 0692 1  
93 0693 1 : EXTERNAL REFERENCES:  
94 0694 1  
95 0695 1 : In the routine
```

```
: 97      0696 1 %SBTTL 'EDT$SWF_MAKECUR - make a bucket current'
: 98      0697 1
: 99      0698 1 GLOBAL ROUTINE EDT$SWF_MAKECUR (
:100          0699 1     BUKT_NUM
:101          0700 1     ) : NOVALUE =
:102          0701 1
:103          0702 1     ++
:104          0703 1     FUNCTIONAL DESCRIPTION:
:105          0704 1
:106          0705 1     This routine insures that the bucket number passed as a parameter is the
:107          0706 1     current bucket. If it is not already the current bucket then return the
:108          0707 1     current bucket to the cache (marking it as modified if necessary) and
:109          0708 1     make the new bucket current by bringing it into the cache if necessary.
:110          0709 1
:111          0710 1     FORMAL PARAMETERS:
:112          0711 1
:113          0712 1     BUKT_NUM          the number of the bucket to read.
:114          0713 1
:115          0714 1     IMPLICIT INPUTS:
:116          0715 1
:117          0716 1     EDT$SZ_WF_DESC
:118          0717 1     EDT$SA_WK_BUK
:119          0718 1     EDT$SG_WK_CURBUK
:120          0719 1     EDT$SG_WK_MODFD
:121          0720 1
:122          0721 1     IMPLICIT OUTPUTS:
:123          0722 1
:124          0723 1     EDT$SZ_WF_DESC
:125          0724 1     EDT$SA_WK_BUK
:126          0725 1     EDT$SG_WK_CURBUK
:127          0726 1     EDT$SG_WK_MODFD
:128          0727 1
:129          0728 1     ROUTINE VALUE:
:130          0729 1
:131          0730 1     NONE
:132          0731 1
:133          0732 1     SIDE EFFECTS:
:134          0733 1
:135          0734 1     May write and read the work file, especially if the cache is small.
:136          0735 1
:137          0736 1     --
:138          0737 1
:139          0738 2     BEGIN
:140          0739 2
:141          0740 2     EXTERNAL ROUTINE
:142          0741 2     EDT$SCALLWIO;
:143          0742 2
:144          0743 2     EXTERNAL
:145          0744 2     EDT$SZ_WF_DESC : BLOCK [, BYTE],      ! descriptor for workfile record
:146          0745 2     EDT$SA_WK_BUK :          ! Pointer to current bucket
:147          0746 2     REF BLOCK [WF_BUKT_SIZE, BYTE] FIELD (WFB_FIELDS),
:148          0747 2     EDT$SG_WK_CURBUK,          ! Number of the current bucket
:149          0748 2     EDT$SG_WK_MODFD;          ! Flag indicating bucket was modified
:150          0749 2
:151          0750 2     +
:152          0751 2     Do not read if we are reading the current bucket
:153          0752 2     -
```

```

154      0753 2
155      0754 3      IF (.EDTSSG_WK_CURBUK NEQ .BUKT_NUM)
156      0755 3      THEN
157      0756 3      BEGIN
158      0757 3      !+
159      0758 3      !+ Mark the current bucket as modified, if it has been.
160      0759 3      !-
161      0760 3
162      0761 3      IF .EDTSSG_WK_MODFD THEN EDTSSCALLWIO (EDTSK_PUT, .EDTSSG_WK_CURBUK, EDTSSZ_WF_DESC);
163      0762 3
164      0763 3      !+
165      0764 3      !+ Read the new bucket, possibly from the cache.
166      0765 3      !-
167      0766 3      EDTSSG_WK_CURBUK = .BUKT_NUM;
168      0767 3      EDTSSCALLWIO (EDTSK_GET, .EDTSSG_WK_CURBUK, EDTSSZ_WF_DESC);
169      0768 3      EDTSSA_WK_BUK = .EDTSSZ_WF_DESC [DSC$A_POINTER]; ! get address of record
170      0769 3      !+
171      0770 3      !+ The new bucket has not yet been modified.
172      0771 3      !-
173      0772 3      EDTSSG_WK_MODFD = 0;
174      0773 2      END:
175      0774 2
176      0775 1      END: ! of routine EDTSSWF_MAKECUR

```

```

.TITLE EDTSWFRBUKT EDTSWFRBUKT - make a bucket current
.IDENT \V04-000\

```

```

.EXTRN EDTSK_PUT, EDTSK_GET
.EXTRN EDTSSCALLWIO, EDTSSZ_WF_DESC
.EXTRN EDTSSA_WK_BUK, EDTSSG_WK_CURBUK
.EXTRN EDTSSG_WK_MODFD

```

```

.PSECT _EDT$CODE,NOWRT, SHR, PIC,2

```

		003C 00000	.ENTRY	EDTSSWF_MAKECUR, Save R2,R3,R4,R5	0698
	55 00000000G	00 9E 00002	MOVAB	EDTSSCALLWIO, R5	
	54 00000000G	00 9E 00009	MOVAB	EDTSSG_WK_MODFD, R4	
	53 00000000G	00 9E 00010	MOVAB	EDTSSG_WK_CURBUK, R3	
	52 00000000G	00 9E 00017	MOVAB	EDTSSZ_WF_DESC, R2	
04	50 AC	63 D0 0001E	MOVL	EDTSSG_WK_CURBUK, R0	
		50 D1 00021	CMPL	R0, BURT_NUM	
		29 13 00025	BEQL	25	
	08	64 E9 00027	BLBC	EDTSSG_WK_MODFD, 1\$	0761
		05 BB 0002A	PUSHR	#^M<R0,R25	
	00000000G	8F DD 0002C	PUSHL	#EDTSK_PUT	
	65 04	03 FB 00032	CALLS	#3, EDTSSCALLWIO	
		52 DD 00035	1\$:	BUKT_NUM, EDTSSG_WK_CURBUK	0766
	63 04	AC D0 00035	MOVL	R2	0767
		52 DD 00039	PUSHL	EDTSSG_WK_CURBUK	
	00000000G	63 DD 0003B	PUSHL	#EDTSK_GET	
	65 00	8F DD 0003D	CALLS	#3, EDTSSCALLWIO	
		03 FB 00043	MOVL	EDTSSZ_WF_DESC+4, EDTSSA_WK_BUK	0768
	04 04	A2 D0 00046	CLRL	EDTSSG_WK_MODFD	0772
	00000000G	64 D4 0004E	RET		0775
		04 00050 2\$:			

```

; Routine Size: 81 bytes, Routine Base: _EDT$CODE + 0000

```

EDT\$WFRBUKT
V04-000

EDT\$WFRBUKT - make a bucket current
EDT\$WUF_MAKECUR - make a bucket current

B 11
16-Sep-1984 02:09:32
14-Sep-1984 12:25:38
VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]WFRBUKT.BLI;1 Page 5
(3)

: 177

0776 1
0777 1 !<BLF/PAGE>

EDT
V04

000

: R

...

EDTSWFRBUKT
V04-000

EDTSWFRBUKT - make a bucket current
EDTSSWF_MAKECUR - make a bucket current

C 11
16-Sep-1984 02:09:32 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 12:25:38 DISK\$VMSMASTER:[EDT.SRC]WFRBUKT.BLI;1 Page 6 (4)

: 180 0778 1 END
: 181 0779 1
: 182 0780 0 ELUDOM

: of module EDTSWFRBUKT

EDT
V04

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	81	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	-----	Symbols	-----	Pages	Processing
	Total	Loaded	Percent	Mapped	Time
-\$255\$DUA28:[EDT.SRC]EDT.L32:1	377	6	1	40	00:00.2
-\$255\$DUA28:[EDT.SRC]PSECTS.L32:1	2	1	50	7	00:00.1
-\$255\$DUA28:[SYSLIB]STARLET.L32:1	9776	1	0	581	00:04.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:WFRBUKT/OBJ=OBJ\$:WFRBUKT MSRC\$:WFRBUKT.BLI/UPDATE=(ENHS:WFRBUKT)

: Size: 81 code + 0 data bytes
: Run Time: 00:15.7
: Elapsed Time: 00:22.7
: Lines/CPU Min: 2984
: Lexemes/CPU-Min: 7695
: Memory Used: 76 pages
: Compilation Complete

S
RE
LL
M
C

0141 AH-BT13A-SE
VAX/VMS V4.0

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UM5MSG
LIS

WFCLPLIN
LIS

USSTRING
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WFDELLIN
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WFGETBKT
LIS

WFOPNBUF
LIS

WFREABCK
LIS

WFREAFWD
LIS

WFSTRINGS
LIS

WFAPPBKT
LIS

WFUSSLIN
LIS

WFREASSL
LIS

UGBUFFER
LIS

WFCLEAR
LIS

USSUBS
LIS

WFDELBKT
LIS

WFSPLBKT
LIS

WFLOCIN
LIS

WFRBUKT
LIS

WFINSLIN
LIS

WFREACUR
LIS

WFREAINP
LIS

WFREPLIN
LIS

WFTOP
LIS

WFBOTTOM
LIS

WFECOPY
LIS